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## **Listing of the Claims**

This listing of claims will'replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method of transferring a set of data over a network, the method comprising:

monitoring the level of actual network bandwidth utilization;

identifying a maximum monitored level, wherein the maximum monitored level is a maximum of the monitored level of actual network bandwidth utilization;

calculating a threshold level of utilization as a function of the maximum monitored level of utilization; and

if the actual level is less than the threshold level, receiving at least a portion of the set of data over the network.

- 2. (Original) The method of claim 1, wherein a client receives the data over the network from a server.
- 3. (Original) The method of claim 2, wherein said monitoring occurs at the interface between the client and the network.
- 4. (Original) The method of claim 1, wherein the network is the Internet.
- 5. (Original) The method of claim 1, wherein the threshold level is equal to a predetermined percentage of the maximum monitored level.

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6. (Original) The method of claim 1, wherein the set of data includes a software update.

- 7. (Original) The method of claim 1, further comprising repeating at least said monitoring step each time a portion of the set of data is received.
- 8. (Original) The method of claim 7, wherein said receiving step includes separately receiving a plurality of discrete portions of the set of data over the network when the actual level is less than the threshold level.
- 9. (Original) The method of claim 8, further comprising incrementing a counter each time a discrete portion of the data is received over the network.
- 10. (Original) The method of claim 9, wherein the size of the discrete portions of the data is a function of the value of the counter.
  - 11. (Canceled)
- 12. (Original) The method of claim 9, further comprising clearing the counter after receiving all of the plurality of discrete portions of the data over the network.
- 13. (Original) The method of claim 9, further comprising clearing the counter if the level of actual utilization becomes greater than the threshold level.
- 14. (Original) The method of claim 8, further comprising suspending the receipt of discrete portions of the data if the level of actual utilization becomes greater than the threshold level.

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15. (Original) The method of claim 14, further comprising resuming the receipt of discrete portions of the data from the point of suspension when the level of actual utilization becomes less than the threshold level.

16. (Original) The method of claim 1, further comprising:

repeating said monitoring step each time a portion of the set of data is received; identifying a maximum level of utilization during receipt of the set of data; and

calculating a threshold level of utilization for the set of data as a function of the maximum level of utilization identified during receipt of the set of data.

- 17. (Original) The method of claim 16, wherein said identifying step includes estimating the maximum level of utilization during receipt of the set of data by calculating an average level of utilization for the set of data upon repeating said monitoring step a predetermined number of times during receipt of the set of data.
- 18. (Original) The method of claim 16, further comprising receiving at least a portion of the set of data over the network if the actual level is less than the threshold level for the set of data.
- 19. (Original) The method of claim 16, further comprising receiving at least a portion of a second set of data over the network if the actual level is less than the threshold level for the set of data.
- 20. (Previously Presented) A computer-readable medium having computer-executable instructions for performing the method recited in claim 1.

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21. (Original) A computer system having a memory, an operating system and a central processor, said processor being operable to execute the instructions stored on the computer-readable medium of claim 20.

22. (Currently Amended) A computer-readable medium having stored thereon a data structure, comprising:

a first data field containing data representing a maximum monitored level, wherein the maximum monitored level is a maximum of a monitored level of actual network bandwidth utilization; and

a second data field containing data representing a threshold level of network bandwidth utilization below which data may be transferred over the network without interfering with other network activity, wherein said second data field is derived from said first data field by calculating the threshold level as a function of the maximum monitored level.

- 23. (Original) The computer-readable medium of claim 22, wherein the threshold level is calculated as a predetermined percentage of the maximum monitored level.
- 24. (Original) The computer-readable medium of claim 22, wherein the actual network bandwidth utilization is monitored at an interface between a client machine and the network.
- 25. (Currently Amended) A computer-readable medium having computer-executable components for managing the transfer of data over a network, comprising:

a bandwidth monitoring component which monitors the level of actual

bandwidth utilization for a network connection and identifies a maximum monitored

level, wherein the maximum monitored level is a maximum of the monitored level of

actual bandwidth utilization for the network connection;

a threshold calculating component which calculates a threshold level of

utilization as a function of the maximum monitored level of utilization identified by said

bandwidth monitoring component; and

a transfer management component which manages the transfer of data

over the network when the level of actual bandwidth utilization is less than the threshold

level of utilization.

26. (Original) The computer-readable medium of claim 25, wherein

the network connection is an interface between a client machine and the network.

27. (Original) The computer-readable medium of claim 25, wherein

the threshold level is calculated as a predetermined percentage of the maximum

monitored level.

28. (Currently Amended) A method of communicating between a

client process and a server process over a network, the method comprising:

(a) issuing to the server process a first download request which

identifies a file and which requests that the server process download a first segment of the

file over the network, provided the actual network bandwidth utilization is less than a

threshold level below which data may be transferred over the network without interfering

with other network activity, wherein the threshold level is calculated as a function of a

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maximum monitored level, and wherein the maximum monitored level is a maximum of

a monitored level of actual network bandwidth utilization;

(b) downloading, by the server process, the first segment of the file;

(c) issuing to the server process a further download request which is

associated with the file and which requests that the server process download a further

segment of the file over the network, provided the actual network bandwidth utilization is

less than the threshold level;

(d) downloading, by the server process, the further segment of the file;

and

(e) repeating steps (c) and (d) until the server process has downloaded

each segment of the file over the network.

29. (Previously presented) The method of claim 1, wherein a client

machine receives the data over the network without substantially interfering with the

ability of a user of the client machine to engage in other network activity.

30. (Previously presented) The method of claim 1, wherein the data is

received over the network without substantially interfering with any other network

activity.